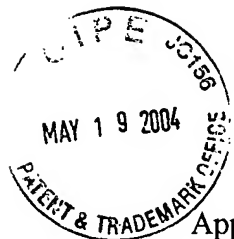


1632 IFW



PATENT
Attorney Docket No.: JHU1690-2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wong et al. Art Unit: 1632
Application No.: 10/003,630 Examiner: V.E. Bertoglio
Filed: October 29, 2001 Confirmation No.: 6218
Title: BETA-SECRETASE TRANSGENIC ORGANISMS, ANTI-BETA-SECRETASE ANTIBODIES, AND METHODS OF USE THEREOF

MAIL STOP NON-FEE AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

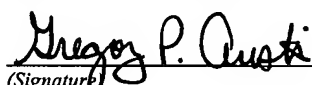
RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action mailed herein on October 3, 2003, and further in response to the Notice of Non-Responsive Amendment mailed on May 5, 2004, please consider the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page two of this paper.

Remarks/Arguments begin on page nine of this paper.

CERTIFICATION UNDER 37 CFR §1.8	
I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, May 17, 2004 , in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Gregory P. Austin (Name of Person Mailing Paper)	
 (Signature)	May 17, 2004 (Date)



PATENT
Attorney Docket No.: JHU1690-2

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith for the above-identified application please find:

1. Response to the Office Action mailed October 3, 2003, and further in response to the Notice of Non-Responsive Amendment mailed May 5, 2004 (13 pgs.);
2. Printout from The Jackson Laboratory website (4 pgs.);
3. Abstract of Borchelt D. R., et al., *Neuron*. 1997 Oct; 19(4):939-45 (1 pg.); and
4. Return Receipt Postcard.

CERTIFICATION UNDER 37 CFR §1.8

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service with sufficient postage as first class mail on this date, May 17, 2004, in an envelope addressed to: MAIL STOP NON-FEE AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Gregory P. Austin
(Name of Person Mailing Paper)

Gregory P. Austin
(Signature)

May 17, 2004
(Date)

In re Application of:
Wong et al.
Application No.: 10/003,630
Filed: October 29, 2001
Page 2

PATENT
Attorney Docket No.: JHU1690-2

Applicants claim **SMALL ENTITY** status in the above-identified application. Pursuant to 37 C.F.R. § 1.27, a verified statement claiming small entity status is not required.

The Fee for this Response is calculated as follows:

For	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity Rate	Large Entity Rate	Calculations
Total Claims	53	56	0	x \$09	x \$18	\$0
Independent Claims	9	9	0	x \$43	x \$86	\$0
Multiple Dependent Claim(s)	N/A			\$145	\$290	\$0
					TOTAL FEE	\$0

No fee is deemed necessary in connection with the filing of this communication. However, if a fee is required, the Commissioner is hereby authorized to charge any required fee associated with this communication, or credit any overpayments, to Deposit Account No. 50-1355. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Date: May 17, 2004



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